

FEBRUARY 20, 2002

PTAS

HOWARD & HOWARD ATTORNEYS, P.C.  
RAYMOND E. SCOTT  
THE PINEHURST OFFICE CENTER, SUITE #101  
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BLOOMFIELD HILLS, MI 48304-5151

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
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\*101983193A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/05/2001

REEL/FRAME: 012401/0884  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LADOUCEUR, HAROLD A.

DOC DATE: 12/03/2001

ASSIGNEE:

FABRISTEEL PRODUCTS, INC.  
22100 TROLLEY INDUSTRIAL DRIVE  
TAYLOR, MICHIGAN 48180

SERIAL NUMBER: 10004918  
PATENT NUMBER:

FILING DATE: 12/05/2001  
ISSUE DATE:

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



12-17-2001

Form PTQ-1595  
(Rev. 6/93)  
OMB No. 0651-0011



ET

U. S. Dept. of Commerce  
Patent and Trademark Office

101983193

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof

jc826 U.S. PRO  
10/004918  
12/05/01

## 1. Name of Conveying Party(ies):

Harold A. Ladouceur

Additional name(s) of conveying party(ies) attached? Yes  
X No

## 2. Name and address of receiving party(ies)

Name: FabriSteel Products, Inc.

Internal Address: \_\_\_\_\_

Address: 22100 Trolley Industrial Drive

City: Taylor State: Michigan Zip: 48180

Additional name(s) & address(es) attached: Yes X No

## 3. Nature of conveyance:

X Assignment Merger Other  
Security Agt. Change of Name

Execution Date: December 3, 2001

4. If this document is being filed together with a new application, the execution date is: December 3, 2001

Application number(s) or patent number(s):

A. Patent Application No.(s)

B. Patent No(s).

Additional numbers attached: Yes X No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Raymond E. Scott

HOWARD &amp; HOWARD ATTORNEYS, P.C.

Internal Address: The Pinehurst Office Center, Suite #101

Street Address: 39400 Woodward Avenue

City: Bloomfield Hills State: MI Zip: 48304-5151

## 6. Total no. of applications and patents involved

1

## 7. Total fee (37 CFR 3.41) \$ 40.00

X Enclosed  
Authorized to be charged to deposit  
account

## 8. Deposit account number: 08-2789

(Attach duplicate copy of this page if paying by deposit account)

12/14/2001 TDIAZ1 00000115 10004918

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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10.

Signature

Raymond E. Scott  
NameDecember 5, 2001  
Date

Total number of pages including cover sheet, attachments and document: 3

**ASSIGNMENT**  
**(Sole Inventor)**

WHEREAS, I, **Harold A. Ladouceur**, (hereinafter referred to as Assignor), residing at **30123 Bentley, Livonia, Michigan 48154-4421**, have invented new and useful improvements in:

**SELF-PIERCING ELEMENT, METHOD OF  
ATTACHMENT AND DIE MEMBER**

which is set forth in an application for Letters Patent in the United States having the attorney docket number **60,152-937** and executed on even date herewith;

AND WHEREAS, **FabriSteel Products, Inc.**, (hereinafter referred to as Assignee), having an address at **22100 Trolley Industrial Drive, Taylor, Michigan 48180**, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has assigned, sold and set over, and by these presents assigns, sells and sets over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignor on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignor will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignor hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to the Assignee in accordance with this Agreement.

12-3-01  
Date

Harold A. Ladouceur  
Harold A. Ladouceur

**Please address all correspondence and telephone calls and, upon recordation, please return this document to:**

**Raymond E. Scott  
HOWARD & HOWARD ATTORNEYS, P.C.  
The Pinehurst Office Center, Suite #101  
39400 Woodward Avenue  
Bloomfield, Hills, Michigan 48304-5151  
(248) 723-0306**

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**COMBINED DECLARATION AND POWER OF ATTORNEY  
(Original Application - Sole Inventor No Priority Claimed)**

As the below named inventor, I hereby declare: that my residence, post office address and citizenship are as stated near my name below; that I believe I am the original, first and sole inventor of the subject matter of which is claimed and for which a patent is sought on the invention entitled

**SELF-PIERCING ELEMENT, METHOD OF  
ATTACHMENT AND DIE MEMBER**

which is described and claimed in the attached specification having the attorney docket number **60,152-937** and amended by an amendment thereto submitted therewith (if any); that I have reviewed and understand the contents of this specification, including the claims, as amended by any amendment referred to above; that I do not know and do not believe the same was ever known or used in the United States of America before my invention thereof or patented or described in any printed publication, in any country before my invention thereof for more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application; that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve (12) months prior to this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a); and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns except as follows: NONE.

As a named inventor, I hereby appoint the following attorneys and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith with full power of substitution and revocation. (all names listed with corresponding registration numbers)

Harold W. Milton	22,180	David M. LaPrairie	46,295
William H. Honaker	31,623	Jeffrey A. Sadowski	29,005
Raymond E. Scott	22,981	Randall L. Shoemaker	43,118
Gregory D. DeGrazia	48,944	Steven C. Wichmann	37,758
Samuel J. Haidle	42,619	James R. Yee	34,460
Brian Herrington	42,659		

Please address all correspondence and telephone calls to:

**Raymond E. Scott  
HOWARD & HOWARD ATTORNEYS, P.C.  
The Pinehurst Office Center, Suite #101  
39400 North Woodward Avenue  
Bloomfield Hills, Michigan 48304-5151  
(248) 723-0306**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

12-4-01  
Date

Harold A. Ladouceur  
Name: **Harold A. Ladouceur**

Address:

30123 Bentley.  
Livonia, Michigan 48154-4421

Post Office Address: Same

Citizenship: United States

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